

from Bert Hopwood, who designed numerous classic Brit twins. Leigh's co-conspirator John Appel had read a book by Hopwood that discussed the idea and he mentioned it to Leigh. It was perfect timing - Leigh had

1200cc parallel twin is more extraordinary than Britten's V-twin'

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SPECIFICATION

Engine: oil and air-cooled 1200cc parallel twin, tungsten 1/2 -stroke balancer piston Wet weight: 210kg

remove all the inherent problems of a 360-degree twin and me, my dad

'We started in 1999 and spent the first five years doing engine CAD designs. We were working in the evenings, studying crankshaft design, doing stress analysis. It wasn't until 2007 that we could think about

Another reason for the extended timescale was that the team had no engine building experience. 'We had to learn new skills at every stage -

Daytona 675 engine. 'Without the Triumph job I don't think we'd have finished our project. The level of understanding you get when you have time and money to go into detail is amazing. And the experience and

work on the chassis. 'The tank alone took 700 hours. There are 11 parts, five for the outer, six inside, all TIG welded together. Each of the two big segments were made from 80kg blocks of aluminium. It's an absurd

production, just as John Britten did three decades ago. Britten died in massive inspiration for us - him building the V1000 got us thinking, maybe we could build an engine,' says Leigh. 'Mind you, we thought it would take two or three years, rather than half a lifetime.'